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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Ammar Derraa

**Serial No.:** 10/615,548

**Filed:** July 8, 2003

**For:** FIELD EMISSION ARRAYS AND  
METHOD OF FABRICATING SAME TO  
OPTIMIZE THE SIZE OF GRID OPENINGS  
AND TO MINIMIZE THE OCCURRENCE  
OF ELECTRICAL SHORTS

**Examiner:** T. Nguyen

**Group Art Unit:** 2812

**Attorney Docket No.:** 2269-3848.5US  
(98-1009.05/US)

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 9, 2004  
Date

*Rachael M. Harris*  
Signature

Rachael M. Harris  
Name (Type/Print)

**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment is being filed in response to the Office Action mailed on March 9, 2004, the three-month shortened statutory period for response to which expires on June 9, 2004.

**Amendments to the claims** are set forth in the listing of the claims, which begins on page 2 of this paper; and

**Remarks** start at page 5 of this paper.